QUICK START BOOK

DREMEL®
BIG ON DETAIL

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GETTING STARTED WITH DREMEL®

The Dremel ® Quick Start Book has been written to help you become familiar with the Dremel System of tools, accessories and attachments.

The Quick Start Book will show you how to start using the tool in the right way by providing helpful information on the items typically packed with the tool.

Next to that we will show inspiring projects. Beginners and experts alike will appreciate the “Projects section” which gives detailed instruction on projects that you can do with your Dremel. It includes indoor, outdoor and creative projects and will show how to improve and maintain your home and garden, as well as gift and craft projects.

Go ahead and read this book. You will discover the world of Dremel: there is truly no limit to the amount of projects you can do with Dremel products.

MULTITOOL SYSTEM

As the inventor of one of the most valued tools in the world, Dremel has worked hard to increase the value of its tool by making attachments and accessories that will easily adjust and vary its function.
The Dremel high speed multitool is an entire system of functional options that centre around a core tool.
This system makes the tool multi-functional, versatile and easy to use.

Dremel accessories are colour coded into usage categories to make it easier for consumers and store personnel to select their application. The Dremel multitool system consist of the following products:

A

Tool

Dremel multitool combined with the right accessory allows you to reach the perfect result in all applications. Its variable high speed make possible to carve, engrave, rout, sharp, grind, clean, polish, cut and sand all kind of materials.

B

Accessories

Dremel offers you a wide variety of high quality accessories for different applications. They are colour-coded and can be easily selected for the right application.

C

Attachments

The Dremel line has many different attachments which makes your Dremel multitool more versatile.

MULTITOOL INFORMATION

A

CORDED

DREMEL® 200 SERIES

DREMEL® 3000

DREMEL® 4000

CORDLESS

DREMEL® 7700

DREMEL® 8000

DREMEL® 8200

MULTITOOL INFORMATION

Dremel has created a number of high speed multitools, corded as well as cordless.
Every tool has specific features that makes it unique in its class. Dremel has developed each tool to meet the highest quality standards and optimize your enjoyment and comfort while working.

A

Dremel® 200 series

- Two-speed settings:15.000 + 35.000 1/min
- 125W rated power
- Voltage: 230-240V
- Weight: 0,55 kg
- Hanger bail

Dremel 200 series: easy and comfortable, the ideal multitool the get started with Dremel.

DREMEL 200 SERIES

Dremel® 3000

- Variable speed - 10.000 - 33.000 RPM
- 130W
- Collet lock
- Innovative EZ Twist Nose Cap
- Integrated hang hook
- Soft grip

Dremel 3000: great quality at an affordable price.

DREMEL 3000

Dremel® 4000

- Variable speed 5.000 to 35.000 rpm
- 175W High Motor power
- Full variable speed control for maximum precision
- Separate on/off switch with integrated collet lock out function
- 2 different nose caps with soft grip

Dremel 4000: Maximum all-round performance.

DREMEL 4000

MULTITOOL INFORMATION

A

Dremel® 7700

- Dual speed: 10.000 + 20.000 1/min
- Cordless 7.2V Ni-Cad
- Compact and lightweight design
- Exchangeable battery

Dremel 7700: easy to use anywhere and with all kind of materials.

Dremel® 10.8V Lithium-Ion

- 10.8 Volt variable speed 5.000 to 35.000 RPM
- Corded performance
- Cordless convenience
- Soft grip
- Battery charge level display

Dremel 10.8V Lithium-Ion: Ready when you are, wherever you are!

Dremel® 8200

- 10.8 Volt variable speed 5.000-30.000 rpm
- 1,3Ah, 14Wh motor power
- Soft grip in all gripping areas
- Separate on/off switch with collet lock out function
- Exchangeable battery

Dremel 8200: most powerful cordless multitool.

MULTITOOL DIAGRAM

A

1. Accessory Shank
The part of the Dremel accessory that is inserted into the tool. Most of the Dremel accessory shank sizes are 3.2 mm. Other sizes include 2.4 mm, 1.6 mm and 0.8 mm.

2. Collet nut
Tightening the collet nut forces the collet's fingers inward, securing accessories for use. Avoid excessive tightening.

4. MultiChuck
Allows users to change accessories without the use of any collet in the tool. Works with the Dremel Corded and Cordless high speed multitools, and all attachments except the router, cutting guide, grout removal, chainsaw sharpening and lawnmower sharpening attachments.

3. Collet
The most precise way to hold an accessory in a high speed multitool. Even at high speeds and maximum pressure, collets stay tight. The collet is located underneath the collet nut inside the tool's shaft.

5. Shaft
The rotating part of the Dremel multitool where the collet is inserted. The shaft is threaded for attaching the collet nut or the MultiChuck.

Attaching an accessory to the tool using the collet and collet nut

1. Your tool comes with an 3.2 mm collet and collet nut.
2. Now determine the accessory shank size.
3. Select a collet to fit the shank diameter of the accessory.
4. Depress shaft lock button.
5. Loosen and remove collet nut.
6. Insert properly sized collet.
7. Replace but do not tighten collet nut.
8. Insert shank of accessory.
9. Tighten collet nut.

MULTITOOL DIAGRAM

A

8. Wrench
Used to loosen and tighten the collet nut. Also works as a screwdriver for the #402 mandrel.

11. Bail
A wire loop for hanging the tool.

7. Shaft lock button
Keeps the shaft from rotating which aids in the loosening or removal of the collet nut or MultiChuck.

6. Housing cap
Unscrews from the multitool to expose threads for mounting Dremel attachments.

10. Air Vents
Proper airflow is required to keep the motor running cool. When using the tool, do not block the air vents.

Dremel 200
Dremel 300
Dremel 400

Accessory change by use of the wrench

Dremel 3000
New EZ Twist

EZ Twist nose cap, no wrench needed

9. On/off switch and Speed Control
Turns the tool on and off and allows for selection of the rotation speed. Some tools have a separate On/off switch.

Attaching an accessory to the tool using the MultiChuck

1. Your tool comes with an 3.2 mm collet and collet nut.
2. Depress shaft lock button.
3. Loosen and remove collet and collet nut from your tool.
4. Begin to thread the MultiChuck onto the tool shaft while keeping shaft lock button depressed.
5. As the jaws begin to close, insert the shank of the accessory into the chuck.

MULTITOOL ACCESSORIES

B

To optimise your project result, you need the right accessories with a high quality standard. Dremel has developed a range of accessories to suit all your needs. To help you select the right accessories, Dremel has created a colour-coding system: every colour represents a category of application. This will help you to select the right accessories for your jobs. No matter which materials you want to work with, Dremel has a solution for you.

Carving / Engraving / Routing	Grinding / Sharpening	Cleaning / Polishing	Cutting	Sanding	Collets / Mandrels / Miscellaneous

MULTITOOL ACCESSORIES

Dremel, the inventor of the Multitool, now brings you Dremel EZ SpeedClic™. An innovation that makes changing cut-off wheels quick and easy. Through a patented and wheel design, Dremel has found a way that enables you to change your accessory in 3 simple steps – Pull, Click, Twist – without using any tools.

DREMEL® EZ SpeedClic™

Overview of the full range of SpeedClic accessories:

SC541

423S

SC406/SC456/ SC456B

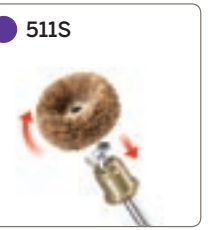
SC409

SC476

SC544

SC545

511S

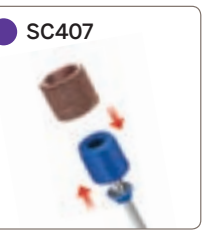


512S

471S

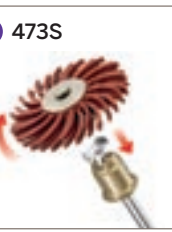
SC411

SC407



472S

473S



SC413

MULTITOOL ACCESSORIES

Carving and engraving bits Carving and engraving bits are the largest category of Dremel accessories. Their overall sharpness and durability allow them to last a long time when used properly.
Router bits are used for edging and grooving wood, and making things like letter signs and picture frames. Should be always used with plunge router attachment or sharper/router table.

High Speed Cutters
Can be used for shaping, hollowing, grooving, slotting, and making tapered holes in soft metal, plastics and wood.

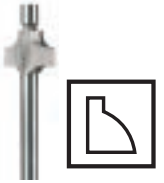
Engraving Cutters
Quality cutters for detail engraving, carving, routing in wood, fiberglass, plastic and soft metals. (2.4 mm shank).

Structured tooth tungsten carbide cutters
Fast cutting sharp teeth for greater material removal. Use on fiberglass, wood, plastic, epoxy, rubber, laminates, chipboard, soft metals, and ceramic wall tiles.

Diamond wheel points
For fine detail work, engraving, carving, touch-up and finishing. Use on wood, jade, ceramic, glass, hardened steel, semiprecious stones and other hard materials. Bits are covered with diamond particles. (2.4 mm shank).

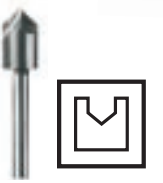
Tungsten carbide cutters
Use for shaping, smoothing and material removal. Use on hardened steel, stainless steel, cast iron, non-ferrous metals, fired ceramics, plastics, hardwoods and other hard materials.

Routing

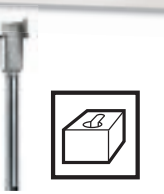


Piloted a bits
Designed to work on only the edge of the wood. Can be used to create decorative edges on v arious wood items.

Straight router bits
Straight bits are flat on the bottom and can be used for routing down the centre or interior of a piece of wood. They can also be used for cutting square grooves and for leveling recessed areas.



Other decorative router bits
Can be used for grooving, carving, lettering and other decorative shapes.



Keyhole Router Bit
Use keyhole router bit for routing mounting slots in wood objects.

MULTITOOL ACCESSORIES

Grinding and Sharpening The accessories in this category have many practical, do-it-yourself applications. They accomplish the everyday, money-saving things like sharpening mower blades, boat propellers and chainsaw blades. They can also deburr, smooth, grind and clean a variety of materials around the home and garden.

Silicon carbide grinding stones

Designed to work well on stone, glass, ceramics, porcelain and non-ferrous metals.

Aluminum oxide grinding stones

Use on metals, castings, welded joints, rivets and rust. Ideal for sharpening, deburring and general purpose grinding of most materials.

DREMEL® EZ SpeedClic®

Speedclic Grinding wheel SC541

The Dremel SC541 Grinding Wheel is ideal for grinding and deburring all sort of metals. The SpeedClic system enables quick and keyless accessory change.

Abrasive points

Great for finishing work and light deburring. They can be used for paint and rust removal without removing any of the base material.

Chainsaw sharpening stones

Precision ground for quick, easy sharpening of chainsaw blades with attachment.

MULTITOOL ACCESSORIES

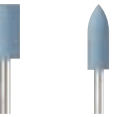
Cleaning and Polishing Dremel cleaning and polishing accessories include brushes, felt accessories, buffing wheels and rubber points.

Polishing accessories

Includes a cloth buffing wheel and felt polishing points and wheels. Use with mandrels #401 and #402.

Polishing compound

A hard, solid compound used with the felt or cloth accessories to polish metal and plastics. Polishing compound removes a dull oxidation film and/or light surface imperfections.



Rubber polishing points

For finishing and polishing all ferrous metals (containing iron). Effective on stones and ceramics and on removing small burrs and scratch marks. (2.4 mm shank).

Impregnated Polishing Wheel

Impregnated polishing wheel for light stock removal and high luster polishing. Works on several materials. Polishing compound is not needed.

Stainless steel brushes*

Will not cause “after-rust” when used on corrosive-resistant materials like pewter, aluminium and stainless steel.

Brass brushes*

Non-sparking and softer than steel. They won’t scratch soft metal like gold and copper.

Carbon steel brushes*

Versatile brush for removing rust and corrosion, polishing metal surfaces.

Bristle brushes*

Use for light deburring, cleaning, polishing of silverware, jewellery and other precious metals.

** Do not run in excess of 15,000 rpm*

MULTITOOL ACCESSORIES

Cutting Dremel provides two types of cutting accessories; cutting bits and cut-off wheels.

Cutting bits

Cutting bits are used with the Dremel cutting guide and cut in a manner similar to spiral saw blades in any direction.

Drywall cutting bit*

Multipurpose cutting bit*

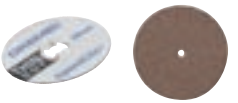
Tile cutting bit*

Grout removal bit

Cut-off wheels

Cut Off wheels Make it easy to cut or slot bolts, screws, sheet metal, thin wood and plastic. Fiberglass reinforced cut-off wheels are for tough application. The cut-off wheels cuts only along its edge.

DREMEL EZ SpeedClic



Cut-off wheels***

Fiberglass reinforced cut-off wheel***

DREMEL EZ SpeedClic

SpeedClic diamond wheel

Carbide cutting/shaping wheel

For slotting, slicing and shaping on its edge and face. This wheel will work on soft and hard wood, fiberglass, plastics and laminates.

** For use with cutting guide attachment / ** Not for use on floor tiles / *** Use with #402 mandrel*

MULTITOOL ACCESSORIES

Sanding Dremel sanding accessories include sanding drums, bands, discs, flapwheels and abrasive buffs to remove and smooth material.

Sanding bands

For rough shaping, smoothing wood and fiberglass, removing rust from metal surfaces and shaping rubber surfaces. Sanding bands are easily replaceable on the appropriate sized sanding drums.

Sanding discs

For rough shaping, smoothing wood and fiberglass, removing rust from metal surfaces and shaping rubber surfaces. Sanding discs are available in finer grits than the sanding drums and are used for fine detail sanding. Use with the #402 mandrel.

Flapwheels

For grinding and polishing flat or contoured surfaces. Flapwheels are used most effectively as a finishing sander after heavier surface sanding and material removal is completed.

DREMEL® EZ SpeedClic

SpeedClic Finishing abrasive buffs

Finishing abrasive buffs medium + course and fine. For precise and delicate material removal on metal, glass, wood and plastic. The flexible material enables to work on tight and irregularly shaped areas.

SpeedClic Detailed Abrasive Brush

The Detailed Abrasive Brushes have very flexible bristles which allow removal of the exterior “surface layer” without damaging the base layer below. This can be used for deburring, cleaning, finishing of detailed parts, tiny areas and irregular places

MULTITOOL ACCESSORIES

Collets, Mandrels and Miscellaneous The grey category features the miscellaneous extras, like drill bits, collets and mandrels.

MultiChuck

Allows you to quickly and easily change accessories on your Dremel multitools without using collets. The MultiChuck works with the Professional, MultiPro Corded and Cordless tools, and all attachments except the router, cutting guide, grout removal chainsaw sharpening and lawnmower sharpening attachment.

Collets

The most precise way to hold an accessory in a high speed multitool. Even at high speeds, under maximum pressure, collets will stay tight.

Collet Nut

Used to tighten the collet, securing accessories for use.

DREMEL® EZ SpeedClic

Drill Bit Set

7 bits for drilling into wood and soft metal.

Wood Drill Bit Set

4 drill bits with centering point for drilling into wood. The titanium coating offers high performance and longer lifetime.

Mandrels

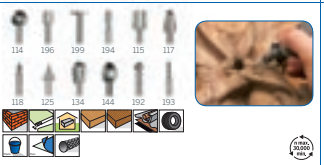
Used to mount a variety of different accessories.

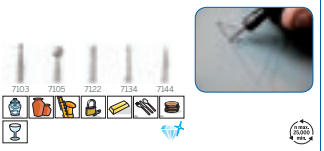
Glass Drilling Bits

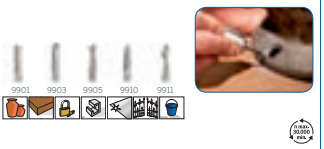
The Glass Drilling Bits 662 and 663 are ideal to cut holes in glass. With the included cooling fluid you can drill perfect holes with a 3.2mm and 6.4mm diameter.

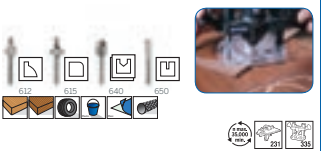
MULTITOOL ACCESSORIES INDEX

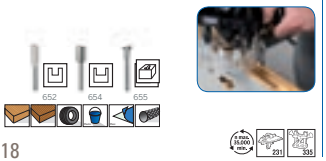
Carving / Engraving / Routing



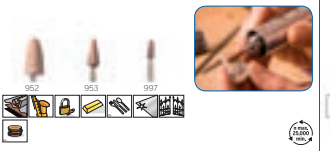


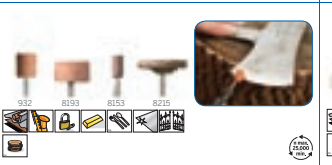


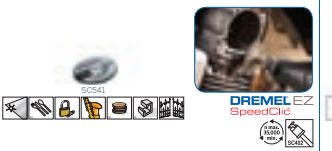


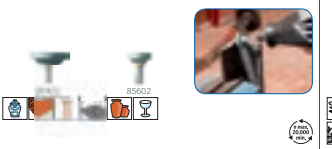


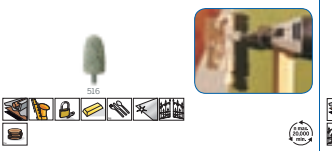
Grinding / Sharpening

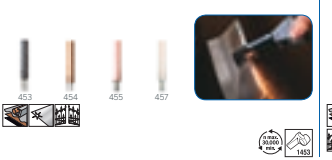




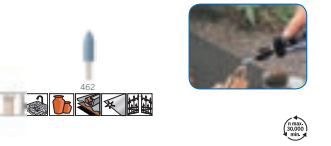


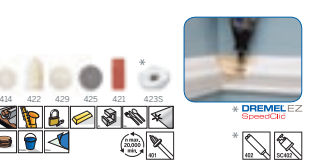


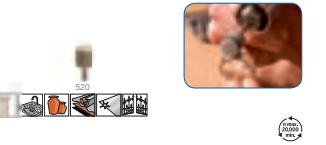


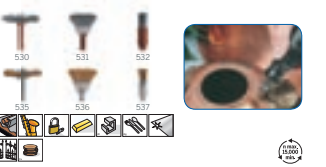


Cleaning / Polishing



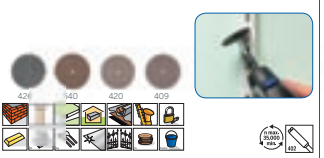


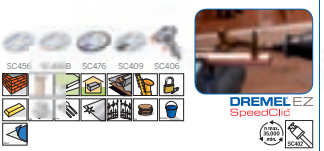


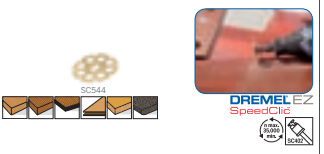


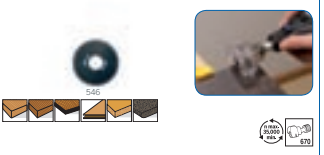
MULTITOOL ACCESSORIES INDEX

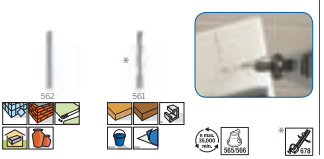
Cutting



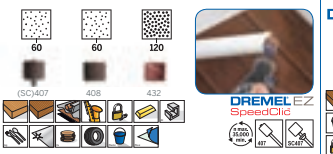


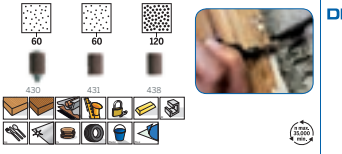


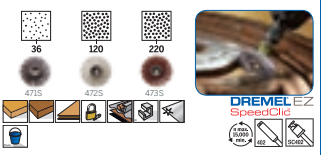




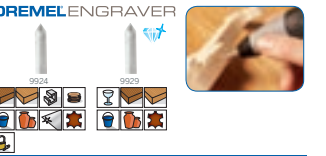
Sanding







Collets / Mandrels / Miscellaneous



MULTITOOL ACCESSORY SETS

B

100 Pieces

135 Pieces

165 Pieces

Multipurpose Accessory set

These Modulary Dremel Accessory Set contains a wide range of the most popular genuine Dremel accessories (including SpeedClic). The accessories are packed in two connectable storage cases (the 100 pieces has 1 case).
These modular storage cases can be connected to similar Dremel storage cases, to create and expand your own storage system.

Wood Working Accessory set

This Dremel Wood Working Set contains a special selection of genuine Dremel accessories (including SpeedClic); all you need for all your wood working projects. It also includes two attachments: Shaping Platform (for excellent control when sanding) and Detailer's Grip (for increased control), especially designed with wood working in mind. The accessories and attachments are packed in two unique and connectable modular storage cases. These modular storage cases can be connected to similar Dremel storage cases, to create and expand your own storage system.

Cutting & Grinding Accessory set

This Dremel Cutting & Grinding Set contains the most popular Dremel cutting & grinding accessories (including SpeedClic) and two useful attachments: Line & Circle Cutter and Cutting Guide, perfect for all your cutting & grinding jobs in metal, stone and plastic. The accessories and attachments are packed in two unique and connectable modular storage cases. These modular storage cases can be connected to similar Dremel storage cases, to create and expand your own storage system.

Cleaning/Polishing set (684)

All you need for cleaning and polishing in a convenient box. Removable accessory tray and 3 dividers provide perfect storage solution.

Multipurpose set (687)

Assortment of best selling accessories in a convenient box. Removable accessory tray and 3 dividers provide perfect storage solution.

Cutting set set (688)

Assortment of 68 cut-off wheels in a convenient box. Removable accessory tray and 3 dividers provide perfect storage solution.

SpeedClic Cutting set (SC690)

Assortment of 10 unique, patented SpeedClic cutting wheels and special SpeedClic mandrel. Besides 6 regular 38 mm metal cutting wheels the kit includes 2 special thin cutting wheels (thickness 0.75mm) and 2 unique plastic cutting wheels.

MULTITOOL ATTACHMENTS

With Dremel attachments you can do your job with even more precision and ease. Dremel offers the versatility you need to easily reach the hardest places; find the best position to work and fix any object by setting up a workstation at home.

C

Right angle attachment (575)

Enhances the versatility of your Dremel multitool by allowing you to get into hard-to-reach areas.

- Smooth and cool operation.
- Coupling system allows you to place. the attachment on your tool in 12 different directions.
- Quick connect system easily attaches to your multitool.
- Compact, durable design for those "hard-to-reach" places.

Flex-shaft (225)

Ideal for hard to reach places.

- Comfort grip handpiece allows fingertip control.
- 127 mm bend radius provides more comfort during use.
- Quick connect attaches the multitool in seconds.
- Integrated shaft lock button makes for easy accessory changes.

ATTACHMENTS TO REACH

MULTITOOL ATTACHMENTS

Plunge router attachment (335)

Transforms your multitool into a router for edging, grooving and freehand routing.

- Plastic knobs for easy tool assembly, depth. adjustment, and edge and circle guide assemblies.
- Easy guide handles with pop off caps for router bit storage.
- Edge guide allows for accurate straight edge cuts.
- Circle guide routs perfect circles.

Router table (231):

Converts your multitool into a bench mounted wood shaper.

- Plastic knobs for easy tool assembly and depth adjustment.
- Smooth table surface to slide your work piece easily over the table.
- Large 203.2 mm x 152.4 mm worktable.
- Slot, groove, sand and trim edges.

ATTACHMENTS TO ROUT

Chainsaw sharpening attachment (1453):

Easily sharpen the dullest of chains.

- Four sizes of sharpening stones.
- Adjustment gauge.

ATTACHMENTS TO SHARPEN

MULTITOOL ATTACHMENTS

Multipurpose cutting kit (565)

Cutting a variety of materials.

- Easily attaches to multitool.
- Plastic knob for easy cutting depth adjustment.
- Two drywall cutting bits.
- One multipurpose bit for cutting seiling tile, wood, plastic, fiberglass, drywall, laminate and plastic mouldings.

Wall tile cutting Kit (566)

Includes cutting guide and bit for cutting and shaping ceramic wall tiles. (Not for use on floor tiles)

- Easily attaches to multitool.
- Plastic knob for easy cutting depth adjustment.
- One tile cutting bit for shaping ceramic tile.

Wall & floor grout removal Kit (568)

For use on wall and floor grout.

- Plastic knob for easy slide depth adjustment.
- 30° angle for controlled cutting.
- Guides keep bit centred between tiles.
- Easy screw on mounting.
- Includes 1.6 mm grout removal bit.

Circle cutter (678)

Makes perfect round and straight cuts

- Easily connects to you Dremel tool
- Included cutting bits are perfect for cuts in drywall, wood and laminate
- Maximum cutting diameter is 30 cm

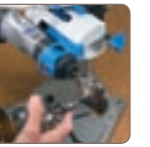
ATTACHMENTS TO CUT

MULTITOOL ATTACHMENTS

Workstation (220)

This is the perfect solution for stationary with your Dremel.

- Drill vertically or in angle, adjustable in increments of 15 degrees.
- Holds tool horizontally for polishing and sanding.
- Integrated, telescoping tools stand holds tool with flex shaft (225).
- On-board accessory storage.
- Cord management keeps cord safely stowed.
- Depth marking for consistent depth adjustment.
- Base markings (Metric and Inches).



Flex-shaft tool Holder (2222)

Conveniently suspends your Dremel multitool above your workbench.

- Perfect for use with flex-shaft.
- Clamps to workbenchs up to 50mm thick.
- Adjustable height from 300 to 1070mm.
- Stores extra bits on its base.

DREMEL® Detailer's Grip Attachment

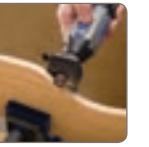
The Dremel Detailer's Grip attachment enables you to have even better control of your multitool when doing DIY, hobby and craft projects

- Detailer's Grip Attachment
- Stencil Template
- 107 Engraving Cutter
- 481 Collet 2.4 mm

DREMEL® Shaping Platform Attachment

The Dremel Shaping Platform enables you to sand and grind at perfect 90 and 45 degree angles.

- Shaping Platform Attachment
- 407 Sanding Mandrel and Band
- 932 Grinding Stone



ATTACHMENTS TO CONTROL

MULTITOOL ATTACHMENTS

Dremel Multi-vise (2500)

The Dremel 3 in 1 Multi-Vise. Stationary vise, stand alone clamp & toolholder.

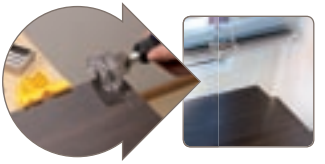
- Clamps to any workbench, table or countertop.
- Rotates 360º and tilts 50º. Allows approaching the workpiece from a comfortable angle.
- Jaws may be used with base unit or detached for use as a stand-alone bar clamp.
- Easily accommodates larger work pieces.
- Stabilize oversize objects and protect delicate pieces from damage.
- Allows round and odd-shaped objects.
- Makes removal of objects from jaws fast.
- Resists twisting and bowing for solid stability.

Project table (2600)

This light weight, versatile and portable Project table is ideal for outdoor and indoor projects.

- Multifunctional rotating plastic top pads.
- Maximum loading capacity 45Kg.
- Light weight steel frame.
- Soft table feet.

ATTACHMENTS TO CONTROL



Mini saw (670)

Transforms your Dremel tool into a precision circular saw for fine, clear and straight cuts in all sorts of wood.

- Perfect for laminate and wood flooring or thin wood plates.
- The safety guard and lower guard make it safe to use the circular saw blade.
- The guide allows to make straight cuts.
- Quick connect attaches your Dremel tool in seconds.
- This mini saw attachment is easier to use than a hard saw, more precise than a jig saw and fits in tighter spaces than a circular saw.

ATTACHMENTS TO SAW

OTHER TOOLS

Besides our current line of Multitools, Dremel is always looking for ways to help you during all phases of your projects from beginning till end. That's why we have developed tools beyond the multitool category.

A

Dremel ® DSM20

The Dremel DSM20 is the ultimate compact saw with an excellent line of sight. With its powerful motor and use of abrasive wheels, this saw can easily perform precise straight, plunge and flush cuts in materials up to 20mm thick. The product comes with a wide variety of non-intimidating abrasive cutting wheels for accurate work in wood, metal, plastics, stoneware and tiles

The ultimate cutting solution

DREMEL® DSM20™

Dremel® Multi-Max™

With the new Multi-Max, Dremel brings a superior consumer experience to the cordless oscillating tool category. The ideal tool to repair, remodel and or restore. Its quick change system allow adapting quickly to any situation using the wide variety of accessories, while the 2 batteries ensure enough endurance to tackle any (light) DIY and hobby job. Combined with superb ergonomics, the Dremel Multi-Max is the oscillating tool for quick fixes, smaller restorations projects. There are accessories available for the Multi-Max to cut and sand wood, metal, plastic & drywall, grind cement & mortar and remove grout.

Multi-Max, most comfortable and user friendly oscillating tool..

DREMEL® MULTI-MAX™

OTHER TOOLS

A

Dremel® TRIO™

The new Dremel TRIO™ is the ultimate tool for everyone involved in general handson projects in and around the house. The Dremel TRIO™ has a 3 in 1 Spiral System which enables you to cut, sand and rout with 1 and the same tool. This versatile, compact and lightweight tool is very powerful! With its 360° spiral cutting technology and plunge-cut ability, the tool makes quick and freehand cuts in wood, plastic, drywall, metal, and wall tile.

Dremel Trio 3 in 1 Spiral System:
Cut, Sand and Rout.

DREMEL® TRIO™

Dremel® Engraver

Engrave or decorate a wide variety of materials like metal, plastic, glass, ceramic, wood and leather. Including different templates for easy engraving.

Easy engraving in all sorts of materials.

DREMEL® ENGRAVER

Dremel® Glue Gun Series

Dremel Glue Gun 910 and Dremel Glue Gun 940 are high temperature glue guns. Tools are ideal for a variety of creative hobby applications, such as scrapbooking, decorating, colour gluing on glass, etc. Together with the included 7 and 11 mm glitter sticks you can add a sparkle and make beautiful decorations or use it for light DIY jobs around the house, such as gluing ceramics, wood, plastics, glass.

A Dremel Gun for every gluing need:drip-control, high temperature glue guns for precision and light DIY applications

DREMEL® GLUE GUN 910

DREMEL® GLUE GUN 940

Dremel® VersaTip™

The cordless 6 in one gas-torch. The perfect tool for soldering, melting, shrinking, pyrography and hot cutting. The only soldering iron that combines a multitude of applications in one tool, thanks to its ability to use 6 interchangeable tips.

The cordless 6 in 1 gas torch.

DREMEL® VERSATIP™

OTHER TOOLS

A

Dremel® VersaFlame™

The Dremel VersaFlame is the only stationary burner that safely combines open flame use with a catalyst and soldering head. Making it the most versatile stationary burner in the market. Dremel VersaFlame is powered by liquid butane gas for quick heat-up and fast recharge. Ideal for applications such as bending of thin glass objects, soldering of water pipe connections, etc.

Only stationary gas torch with safety protection and fast heat up time.

DREMEL® VERSAFLAME™

Dremel® Fortiflex™

The Dremel Fortiflex is a high quality precision tool, consisting of a powerful hanging motor (300W), a patented heavy duty flexible shaft, an exchangeable precision hand piece and a foot pedal for variable speed control (0-20.000rpm). This makes it the ideal tool for stationary projects, like woodworking, jewellery making, stone working, car restoration, or any project where a combination of power and precision is required.

Power meets precision.

DREMEL® FORTIFLEX™

HINTS AND TIPS

Using Mandrel 401:

Screw accessory on to the mandrel firmly.
The accessories should be used with this mandrel are: 414 / 422 / 429 / 425

Using Mandrel 402*:

Loosen screw.
Replace accessory.
Tighten screw. Do not overtighten
The accessories should be used with this mandrel are:
541 / 456 / 426 / 540 / 420 / 409 / 411 / 412 / 413

Changing sand band of a sanding drum*:

Loosen screw
Pull old band off the rubber bushing
Replace with new band
Tighten screw
Accessories: 407 / 430 / 439

Using Multi Chuck:

It accepts accessories from 0,4mm to 3,4mm shank. Dremel multi chuck uses similar system as a conventional driller and dismiss the use of any collet. And you can loosen and tighten it using hands

Using collets:

Dremel accessories have different shank sizes, depending on the accessory you might need to use a different collet. Collets sizes are: 3,2mm / 2,4mm / 1,6mm / 0,8mm. Your Multitool comes with a 3.2mm collet

DREMEL® EZ SpeedClic™

Using Dremel EZ SpeedClic™:

Through a patented mandrel and wheel design, Dremel has found a way that enables you to change your accessory in 3 simple steps:
Pull, Click, Twist – Without using any tools.

**Hint: For loosening and tightening screws use bottom of the wrench*

HINTS AND TIPS

Where to buy?

You can find the nearest dealer online: Go to our Dealer locator at www.dremel.com

Warranty:

All Dremel tools have 2 years warranty and all attachments 1 year warranty

Impregnating polishing wheels with polishing compound:

This is a solid compound. Add a few drops of water to the compound and touch the polishing wheel to the compound at a lowspeed to impregnate it.

Why does the multitool have high speeds?

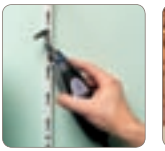
High speed when coupled with the right accessory is what makes the multitool so useful. The best results generally happen when taking a less aggressive but more frequent pass. Over pressure can damage the accessory and the work piece.

Tool gripping:

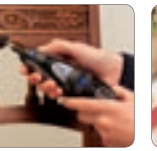
One-handed grip: Overhand grip on the tool with fingers curved over the top of the tool and the thumb underneath. Tennis style underhand grip. It is useful for drilling horizontally

Two-Handed grips give extra stability. An underhand-overhand combination gives firm support. This grip is particularly useful for grinding, sanding and polishing.

Pencil grip is used mainly for engraving; polishing detailed applications.



One-Handed grip



Two-handed grip

Pencil grip

Speed guide:

Material		Speed Drilling	Speed Routing	Speed Sawing	Speed Engraving/Griding	Speed Shaping/Carving
Plastics	Acrylic PVS ABS	Low	Low	Low	Low	Low
Natural Wood	Hardwood	Medium	Medium	Medium	NR*	Medium
	Softwood	High	High	High		High
Man-made Wood	MDF	High	High	High	NR*	High
	Chipboard					NR*
	Hardboard	Medium	Medium	Medium	NR*	NR*
	Plywood					Medium
Metal	Ferrous Brass Copper Aluminiun	Low	Low	Low	Low	Low
Other	Ceramics Glass Stone Slate	Low	NR*	NR*	High	High

Speed is part of an operational formula and depends on several variables, including the density of the material; the type of cutter being used; and the depth of cut being applied. These are variables that should be considered with each application, preferably after some trial using waste material.
NR*: Not Recommended

HINTS AND TIPS

Tools x Attachments	Workstation (220)	Flex Shaft (225)	Router Table (231)	Plunge Router (335)	Right Angle Attachment (575)	Multipurpose Cutting Kit (565)	Wall Tile Cutting Kit (566)
Dremel Fortiflex	X	X	X	X	X	X	X
Dremel 8000 10.8V	●	NA	NA	NA	●	●	NA
Dremel 4000	●	●	Adapt	●	●	●	●
Dremel 398 / 400 Series	●	●	●	●	●	●	●
Dremel Stylus	X	X	X	X	X	X	X
Dremel 7700 7.2V	●	NA	NA	NA	NA	NA	NA
Dremel 300 Series	●	●	Adapt	●	●	●	●
Dremel 395 Multipro	●	●	●	●	●	●	●
Dremel 200 Series	●	●	●	●	●	●	●
Dremel 8200 10.8V	●	●	NA	NA	●	●	●
Dremel 3000	●	●	Adapt	●	●	●	●

Tools x Attachments	Grout Removal Kit (568)	Mini Saw (670)	Line Circle Cutter (678)	Chainsaw Sharpener (1453)	Flex Shaft Tool Holder (2222)
Dremel Fortiflex	X	X	X	X	●
Dremel 8000 10.8V	●	NA	●	●	●
Dremel 4000	●	●	●	●	●
Dremel 398 / 400 Series	●	●	●	●	●
Dremel Stylus	X	X	X	X	X
Dremel 7700 7.2V	NA	NA	NA	●	X
Dremel 300 Series	●	●	●	●	●
Dremel 395 Multipro	●	●	●	●	●
Dremel 200 Series	●	●	●	●	●
Dremel 8200 10.8V	●	●	●	●	●
Dremel 3000	●	●	●	●	●

●	Possible Combination
X	Combination not possible
Adapt	If you are facing problems to fit your tool to the attachment 231 you need an adaptor. Resquest it through your local hotline free of charge.
NA	The combination of tool and attachment is possible but not advised.

HOBBY LINE

The Hobby line was created with the creative hobbyist in mind; whether your interests lie in paper crafts, jewellery making, home décor or any other craft projects you will find a tool to fit your needs.

Our tools are created to be especially versatile and each tool can be used for more than one application, some of the tools have over 100 accessories to choose from making it possible to decorate almost everything.

The growing Hobby range includes:

DREMEL® VERSATIP®

The Versatip is the only heat tool that combines a magnitude of applications in to one tool. It is the perfect tool for heat embossing, wood burning, hot fixing, quick drying and lots more!

It is cordless, comes with 6 interchangeable tips and has a variable temperature setting for maximum flexibility..

DREMEL® PROJECT TABLE

This light weight (3.2kg) & portable project table is the ideal support for all your hobby projects. You can take it everywhere and use it to create a hands free work space for your projects. With the variable clamping system you can attach all materials easily.

DREMEL® GLUE GUN 920

The Dremel 920 is a low-temperature glue gun with a drip-controlled precision tip. Because of its lower operating temperature, compact size and good ergonomics (T-handle, stable base, extendable stand) it is ideal for a variety of creative hobby applications, such as scrapbooking, decorating, colour gluing on glass, etc.

DREMEL® GLUE GUN 930

The Dremel 930 is a dual-temperature glue gun with a drip-controlled precision tip. Because of its dual temperature setting it is ideal for a variety of creative hobby applications, such as scrapbooking, decorating, colour gluing on glass, etc. as well as for light DIY jobs around the house, such as gluing ceramics, wood, plastics, glass, etc.

DREMEL® ENGRAVER

The ergonomic, light weight Engraver handles all of your engraving projects with ease and maximum precision.

Use the Engraver to create designs in to glass, wood, plastic and more. The Engraver is also great for naming your valuables.

The kit also includes 4 engraving templates and a diamond engraving tip allowing you to engrave special shapes into any material.

DREMEL® 300 SERIES

The 300 series is a great tool for home décor. It has a lot of power, speed and is comfortable to handle.

Use the Dremel Accessories for projects like engraving pots, customizing furniture, jewellery making and woodworking.

PROJECTS

Dremel tools are smart, light to use and extremely versatile! They can be used for a wide variety of applications such as engraving, gluing, embossing and wood burning. Dremel products can be used in all steps of your projects, from beginning till end.

PROJECTS - OUTDOOR

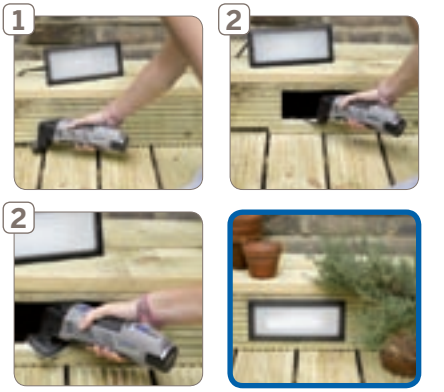
Insetting lighting into your garden decking

What you need:

A tools	B accessories	C attachments
Dremel® Multi-Max™	● MM450, ● MM411, ● MM11, ● MM70W	-

Extra

Planks of decking	Nails	LED lights



Steps

1) Perform lateral plunge cut using the Dremel Multimax with the wood and drywall saw blade MM450 to the base of the upright section of the decking to hide wiring.
2) Plunge cut the holes for the outdoor lights into the same section of decking using the Multimax flush cut blade MM422.
3) Sand the edges of the plunge cut holes as required using the sanding plate MM11 and sanding sheet/s MM70W.
4) Add herbs in pots or roses in terracotta planters onto your deck space to soften the look. Don't forget to water, terracotta dries out quickly and changes according to the seasons. If your deck is very sunny, go for geraniums or small alpines in pots as they need less water.

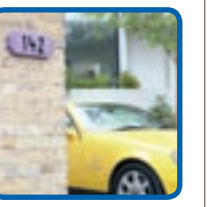
Etch a lettered house sign

What you need:

A tools	C attachments
New Dremel TRIO	Multipurpose carbide cutting bit (TR563) Corner rounding router bit (TR615) Straight routing bit (TR654) Sanding mandrel, sanding band (TR407) grit 60 and (TR 432) grit 120

Extra

Workbench clamping system	Piece of fine sandpaper	Two screws, plus plug
Artist's paintbrush	Paint: primer, undercoat, top coat, contrasting colour for letters/numbers	



Steps

1) First, cut off a piece of wood by using the Dremel TRIO and the multipurpose cutting bit (TR563). Then, smooth and shape any end grain using the Dremel TRIO with the sanding band (TR407). Next, add a decorative bevelled edge, again using your Dremel TRIO but this time, with the corner rounding router bit (TR615).
2) Than place your design fe house number or name on the piece of wood.
3) Start to rout out the numbers or name inside your pencil marks using the Dremel TRIO and its straight routing bit (TR654).
4) Drill one hole on the left and right of the plaque in order to affix it to the wall with he Dremel TRIO and multipurpose carbide cutting bit (TR563).
5) Paint your street address sign in the contrasting colours that you want or put a varnish over it.

Renovating mosaic garden table

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	569	Dremel wall and floor grout removal kit (568)

Extra

Grouting Filler	Sponge	Clean dry cloth

Steps

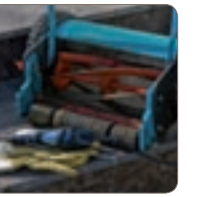
1) Attach the Dremel 300 Series to the Dremel 568 Wall and Floor Grout Removal Kit that has an attachment that cleverly removes grout between wall and floor tile. Start to clean the grout between the mosaic pieces.
2) Continue to do this until the dirty grout has been removed. Then commence the re-grouting process using a grouting filler.
3) Wipe with sponge to remove excess grout from the surface of the mosaic table. Leave to dry and polish off the surface and buff to shine.

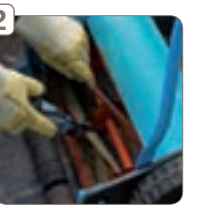
PROJECTS - OUTDOOR

Sharpen lawnmower blades

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	8175	Dremel lawn mower sharpener (675)





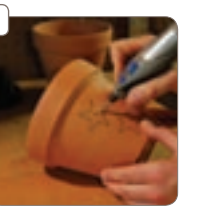
Steps

1) Attach the Dremel 675 Lawnmower Sharpening Attachment to your Dremel 300 Series.
2) Then either carefully remove the lawnmower blades and run the Dremel 675 Lawnmower Sharpening Attachment along each – or leave blades in lawnmower, make sure it's unplugged and lock it off so that the blades cannot turn and run the sharpening attachment along each one taking care not to cut yourself. The act of sharpening the blades may create sparks, so make sure that you wear gloves and safety goggles.

Terra cotta patio lights

What you need:

A tools	B accessories	C attachments
Dremel Stylus 1100	562	-
	84922	



Tip

Making more frequent, less aggressive cuts will produce better results. Using too much pressure or cutting too quickly may crack the terra cotta.

Steps

1) Draw your own design or trace a pattern on the outside of a terra cotta flower pot.
   Note: The bottom of the pot is now the top.
2) Using the 562 tile cutting bit and a Dremel multitool, start the cut by grinding into the pot at a 45° angle, once you've cut through the wall of the pot, continue cutting while keeping the 90° bit to the pot.
3) The 84922 Silicon carbide grinding stone can be used to smooth the edges of your cuts.
4) Place a votive candle in the middle of the saucer and cover with the inverted terra cotta pot.

Fitting Laminate Flooring

What you need:

A tools	B accessories	C attachments
Dremel DSM20 Compact Saw	DSM600 DSM500	Cutting guide (DSM840)

Extra

Laminate flooring	Underlay 3-4mm deep	Tape measure and pencil

Steps

1) Measure up the dimensions of your floor and calculate the square meters of underlay and laminate that you will need, adding 10% extra for wastage.
2) Lay your underlay. Trim to fit. Lay lengths side by side and secure them with masking tape.
3) Prepare to lay the first board into the left-hand corner of the room. Turn the board over to protect it from being scratched and using it as a height guide, perform a flush cut into the base of the skirting boards with your Dremel DSM20 and the Dremel DSM600 Multi-Purpose Flush Cut Carbide Wheel. Then, turn your laminate board back over and keep the end of the laminate with the short tongue towards the wall and tuck the laminate board into the cavity.
4) Continue to cut into the skirting board as you lay the laminate from left to right across your room, cutting the last laminate board with your Dremel DSM20 with the DSM840 cutting guide and the Dremel DSM500 Multi-Purpose Carbide Wheel to size.
5) Continue to lay your laminate boards left to right until the floor is laid. Fixing them under the skirting boards will keep them perfectly in place without the need to use flooring trims.

Installing a vent into flooring

What you need:

A tools	B accessories
Dremel DSM20 Compact Saw	DSM500

Steps

1) Place your plastic vent insert onto the floor, exactly where you want to install it. Holding it in place with one hand, use a pencil to draw an outline of the vent. This will be your template.
2) Place the vent aside and using your Dremel DSM20 compact saw with Dremel DSM500 Multi-Purpose Cut-Off Wheel, plunge cut into laminate flooring along each guide line as marked up.
3) The entire cut piece should lift out of place.
4) Sweep away any debris using a dustpan and brush, slide in the vent to the cavity you have created and screw into place.

PROJECTS - INDOOR

Quick Kitchen Makeover

What you need:

A tools	C attachments	
New Dremel TRIO	Tile cutting bit (TR562) Multipurpose cutting bit (TR563) Straight edge guide attachment Circle cutter attachment	
Extra		
Stainless steel vegetable basin	Designer tap e.g. a monoblock mixer tap	Silicon sealant
Waste for sink	Pipework to link to the mains	

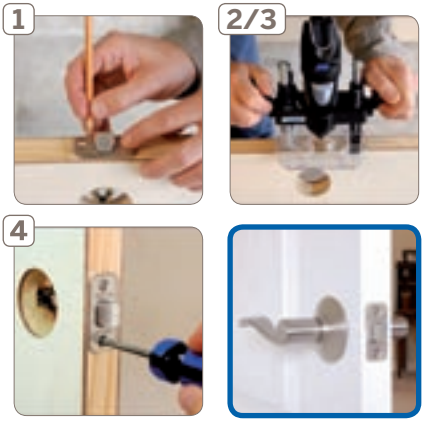
Steps

1) Mark up the circumference of your new Chef's vegetable basin about half a metre away from your existing sink. Then, draw the lip of the basin inside the bowl, measuring it first and rubbing out the outer line.
2) Then, plunge cut the ceramic tiled worktop using the Dremel TRIO and the tile cutting bit (TR562) and circle cutting attachment.
   Cut back the wood underneath with the multipurpose carbide cutting bit (TR563)
3) In the same way, mark up and cut the circumference of the base of your designer tap.
4) Place the Chef's vegetable sink and new designer tap into place.

Mortising a door latch

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	650	Dremel plunge router attachment (335)



Steps

1) Slide the door latch into the latch hole and trace the outline of the faceplate onto the edge of the door with a pencil. Remove the door latch.
2) Fit a Dremel multitool with the 650 router bit and 335 plunge router attachment. Set the depth of cut on the plunge router attachment to match the thickness of the faceplate. Test cutting depth on a scrap piece of wood.
   The depth of cut should allow the faceplate to align flush with the edge of the door.
3) Using the Dremel router attachment, remove the wood between pencil lines drawn on the door's edge to create a mortise for the faceplate. Fit the latch and faceplate into the door. Use a bevel edge chisel and hammer to square the corners of the mortise if faceplate has square corners.
4) Mark holes for the faceplate and drill with a bit smaller than fastening screws. Screw the faceplate in place and continue with lockset installation.

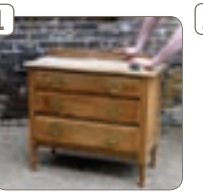
Restoring an old wooden cabinet

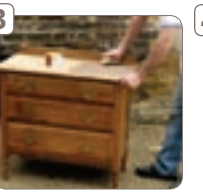
What you need:

A tools	B accessories	
New Dremel 8200	SC402 471S, 472S, 473S 511S, 512S	520 423S

Extra

Sanding block	Beeswax





Steps

1) First, using sanding block, sand down the entire cabinet.
2) Then sand away any old pieces of damaged and scratched wood using the Dremel 8200, SpeedClic mandrel (SC402) and the SpeedClic Abrasive Buffs in Coarse, Medium and Fine (511S and 512S). Alternatively, use the new SpeedClic detailed abrasive brushes for delicate shapes (471S, 472S and 473S).If you need to execute precise sanding, and sanding at a 45 degree and 90 degree angle, then the new Dremel Shaping Platform will help you to do this.
3) Then, work in a number of layers of beeswax to the natural wood for a beautiful finish.
4) On detailed areas polish using the Dremel 8200, SpeedClic mandrel (SC402) and the SpeedClic polishing cloth wheel (423S).
5) Remove the brass handles and remove the damage to the surface and polish up using the Dremel 8200, SpeedClic Mandrel and the Impregnated Polishing Wheel (520).

Installing recessed shelves for wine glasses

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	150	Dremel right angle attachment (575)

Extra

Standard wood screws and rawlplugs	Shelving material

Steps

1) Measure the recess and mark up your shelving in the recess.
2) Create a frame from your shelving material to fit the space and affix to the masonary wall.
3) Then cut shelves to fit and using the Dremel 300 Series with right angle attachment and drill bit, drill holes for the shelf supports.
4) Insert shelves.

PROJECTS - INDOOR

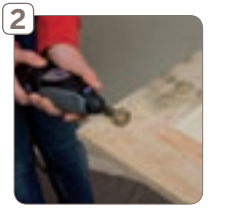
Renovate a mirror with Dremel

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	SC511	-

Extra

Masking tape	Scissors



Steps

1) Mask off the mirror area close to the frame with masking tape. Prepare to sand off water-damaged area of frame.
2) Sand off stained and damaged area using Dremel 300 Series and SpeedClic Abrasive Buffs (coarse). Finish sanding off the rest of the frame.
3) Paint with light coloured emulsion or paint wash allowing some of the wood grain to show through – or if you prefer, paint and then sand to obtain a driftwood technique. If you wish, add a clear glaze or water-based varnish to seal in finish to desired look.

Cut laminate floor around a pipe

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	561	Dremel multipurpose cutting kit (565)

Extra

Wood laminate

Steps

1) First take your wood laminate, measure the hole for the radiator pipe.
2) Take your Dremel 300 Series and together with the Dremel multipurpose cutting kit attachment cut around the radiator pipe. Then cut two slots either side of the hole retaining the piece of laminate to replace when the laminate is in beneath the radiator. Replace wood piece.

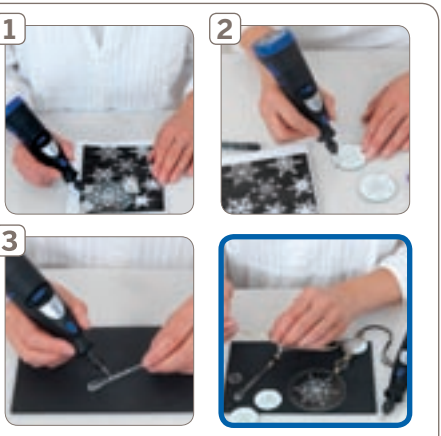
Black, Silver, White and Gold Christmas Window

What you need:

A tools	C attachments
Dremel Hobby 7700 Gluegun 930	Diamond Wheel Point 7103 Clear glue 7 mm

Extra

Glass discs	Mirror discs of different sizes	Glass droppers / icicles
Flexible beading needle	Snowflake templates	Selection of narrow organza and satin ribbon in black, gold and silver



Steps

1) Using the Dremel Hobby 7700 fitted with the 7103 diamond wheel point, engrave the snowflake motif onto a glass disc and lay it on a dark piece of paper so that the engraving shows up clearly.
2) Engrave the snowflakes onto the mirror discs using the Dremel Hobby 7700 fitted with the 7103 diamond wheel point.
3) Use your Dremel Hobby 7700 with 7103 Diamond wheel point to engrave spirals and stripes onto glass dropper decorations.
4) Loop fine ribbon through the hole of a glass disc or glass dropper, then thread on a few beads, sandwiched between rondelles (these are a specific type of bead).

Glass candle holder

What you need:

A tools	B accessories	C attachments
Dremel Engraver 290	9924	-

Extra

Glass (preferably coloured or frosted)	Tracing paper	Black felt

Steps

1) First of all, we suggest using a coloured or frosted glass. Draw a simple design on paper. We've chosen butterflies but a leaf or flower design would work just as well. Place the design inside the glass and hold in place with some black felt. You should be able to see the design clearly through the glass.
2) Now set the Dremel Engraver on speed 1. Hold the tool at a slight angle as if you're working with a pencil and engrave the glass along the outline of your design. There's no need to apply pressure, just position the tip accurately on the glass and move steadily along the outline. When complete, remove the paper and place the felt back inside the glass. This will help you see any gaps in the outline.
3) Fill in the design by engraving with parallel lines positioned as closely together as possible. Work patiently in this way until the whole design is covered and then use a burnishing head to smooth the engraving to a neat and professional finish.

PROJECTS - CRAFTS & GIFTS

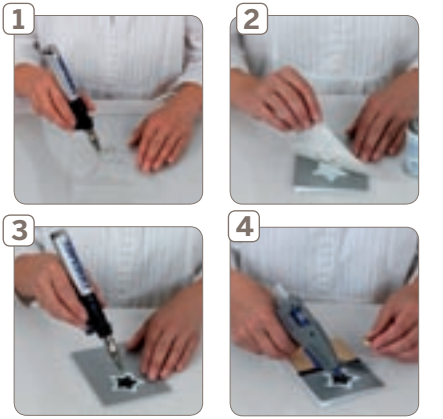
Cards, tags and giftwrap

What you need:

A tools	B accessories
Dremel Versatip™	
Dremel Glue Gun 930	-

Extra

Card blanks and envelopes	Decorative printed and glitter paper	Metallic spray paints
Low-tack spray adhesive	Embossing pen	Embossing powders
Ribbon in various widths	Star sequins and gems	Sheets of Mylar



Steps

1) Lay a star paper sheet of Mylar or acetate over the templates and trace round them using a permanent marker pen. Cut carefully along the lines drawn using the Versatip™ fitted with the hot cutting knife.
2) Spray one side of the Mylar with a light misting of spray adhesive, followed by pressing it down gently on the card itself. Apply the spray paint.
3) Place a smaller star stencil over the sprayed motif and use the embossing pen to draw around and fill in the shape to apply a layer of embossing fluid. Sprinkle embossing powder onto the motif and remove excess powder. Use the Versatip™ with hot blower head to melt and fuse the powder(cool setting).
4) Cut decorative paper to cover the lower half of the card face and glue it in place. Embellish the card with ribbons as seen. Finish by using the Dremel Gluegun 930 to glue a star sequin and gem in the centre of the star motif.

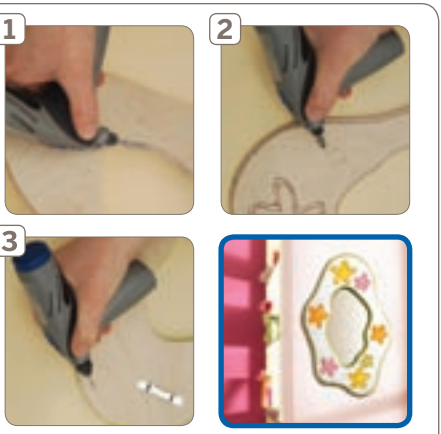
Decorated mirror

What you need:

A tools	B accessories	C attachments
Dremel Stylus 1100	117,144, 9931	-
Dremel Glue Gun 1200	GS1	
	628	

Extra

Mul-tiplex Plate	Mirror	Inks	Pencils	grouper hanger with screws



Steps

1) Draw on a multiplex panel of wood the desired shape of the mirror, whether rectangular or rounded. Drill a hole in the middle of the plate and cut out the inner part with a Dremel 300 and cutting guide 565. If the edge is irregular you can shape it with the Dremel Stylus and a tungsten carbide cutter 9931.
2) The mirror frame should now be even and flat on the edge. With the Dremel Stylus and the high-speed cutter 117 smooth the edges. Remove the required material in order to create a perfect round shape. Now draw on the mirror frame the desired designs. With the high-speed cutter 144 you can gently engrave/carve the motive into the frame.
3) To hang the mirror on the wall apply serrated hangers on the frame. Insert the hanger on the back of your mirror and mark the holes with a pencil. Now drill the holes with a 1.2 mm drill bit from the drill set (628) and then screw on the hangers.
4) With the Dremel Glue Gun add some glue on the inner edge of the frame set. Place the mirror with the coated surface on the top and gently apply pressure.

Decorated Rubber Boot Christmas Stockings

What you need:

A tools	C attachments
Dremel Glue Gun 930	Clear glue sticks, silver glitter glue sticks 7mm
Dremel Versatip™	Hot blower head

Extra

Fur fabric	Fabric stars	Hot fix stones
Pair of unwanted trousers in coordinating colour	Beaded fringing	Braid

Patterned rubber boots – or plain in bright colours

Steps

1) Cut of a piece of jeans which should cover the top part of the boot. Use the Gluegun to glue it onto the boot
2) Apply a line of clear glue around the top edge of the boot using the Dremel Gluegun 930 and stick a 7cm wide strip of fur fabric around the boot.
3) Fit the Dremel Gluegun 930 with a silver glitter glue stick and run decorative lines of glue around the boot on either side of the braid
4) Use the Dremel Versatip™ with hot blower head, set to its lowest heat setting, to apply hot-fix stones on the outer side of each cuff.

Terracotta painted pots

What you need:

A tools	B accessories	C attachments
Dremel 300 Series	7105	-

Extra

Emulsion paints in pastel colours	Terracotta pots	Paint-brush	Pencil

Steps

1) Paint the pot with the paint, using two coats of paint if necessary, and leave to dry completely.
2) Draw your design onto the pot using the pencil. Try to keep the lines quite faint. Use an eraser to remove any mistakes.
3) Follow the pencil lines on the pot using the Dremel 300 Series with a diamond wheel point 7105. It is a good idea to practise on a spare pot (or use the base) before you start the final design. Brush off any dust with a soft, dry paintbrush.

PROJECTS - CRAFTS & GIFTS

Wooden bead earrings

What you need:

A tools	B accessories	C attachments
Dremel Versatip 2000	7134	Dremel Clamps (2500)
Dremel Stylus 1100		

Extra

Plain wooden beads in different shapes and sizes	Silver jewellery wire
Earring fixings (two for each pair of earrings)	Scissors

Steps

1) Using the Versatip, draw straight lines and dots onto plain wooden beads. Practise on spare beads, trying different patterns and designs.
2) To decorate the painted beads, hold the bead in the Dremel clamp, then use the Dremel Stylus and diamond Engraver point and gently press the tip onto the bead to make small spots.
3) Cut a length of wire about 30 cm (12") long and fold it in half. Thread this through the beads and twist around the earring fixings securely and trim the ends neatly.

Wooden bowl with filigree patterned rim

What you need:

A tools	B accessories	C attachments
Dremel Stylus 1100	191	-

Extra

Wooden dish	Damp cloth

Steps

1) Measure diameter of dish and divide into equal squares. Cut squares of paper and stick onto the bowls rim with masking tape to mark off your square. Using the Dremel Stylus and Dremel engraving tip accessory, make a random dot pattern.
2) Move the squares to mark up your next square. Decorate that square with wavy lines and dots using the same accessories. Blow off the dust as before.
3) Move squares on again and decorate with lines.
4) Continue until the entire rim is decorated. Wipe the surface with a damp cloth.

INDEX BY NUMBERS

Product	Pack	Ordernumber
Tools:		
200 Series	200 Series 200-5	F0130200JA
290/Engraver	290/Engraver Hobby	F0130290JJ
	290/Engraver	F0130290JM
300 Series	299 Series 300-1/55	F0130300JD
	299 Series 300-30	F0130300MP
	299 Series 300-25 Hobby	F0130300NK
910 Glue Gun	910 Glue Gun High Temp	F0130910JA
920 Hobby Glue Gun	920 Hobby Glue Gun Low Temp	F0130920JA
930 Hobby Glue Gun	930 Hobby Glue Gun Dual Temp	F0130930JA
940 Glue Gun	940 Large Glue Gun High Temp	F0130940JA
2000/VersaTip	2000/VersaTip	F0132000JA
	2000/VersaTip Hobby	F0132000KA
2200/VersaFlame	2200/VersaFlame	F0132200JA
4000	4000 Series – 1/45	F0134000JA
	4000 Series – 4/65	F0134000JD
6800/TRIO	6800-2/9 TRIO	F0136800JA
7700 Series	7700 Series 7700-30	F0137700JA
	7700 Hobby	F0137700JD
8000 - 10.8V LI-ION	8000 / 10.8V LI-ION	F0138000JF
8200 Series	8200 1/35	F0138200JA
	8200 2/45	F0138200JD
8300 Multi-Max	8300 MultiMax	F0138300JA
9100 Fortiflex	9100 Fortiflex	F0139100JA

Attachments:		
Dremel Clamps 12 Pack	Dremel Clamps 12 Pack	2615000051
Workstation (220)	Workstation	26150220JB
Flexible Shaft (225)	Flexible Shaft	26150225PD
	Flexible Shaft (New)	26150225JA
Flex-Shaft Tool Holder (2222)	Flex-Shaft Tool Holder	2615222232
Shaper / Router Table (231)	Shaper / Router Table	2615023132
Plunge Router Attachment (335)	Plunge Router Attachment	26150335JA
Multipurpose Cutting Kit (565)	Multipurpose Cutting Kit	2615056534
Wall Tile Cutting Kit (566)	Wall Tile Cutting Kit	2615056634

Product	Pack	Ordernumber
Wall & Floor Grout Removal Kit (568)	Wall & Floor Grout Removal Kit	2615056832
	Grout Removal Attachment	2615056870
Shaping Platform	Shaping Platfrom	26150576JA
Detailer's Grip	Detailer's Grip	26150577JA
Mini Saw Attachment (670)	Mini Saw Attachment	26150670JA
Line & Circle Cutter Attachment (678)	Line & Circle Cutter Attachment	26150678JA
Chainsaw Sharpening Att. (1453)	Chainsaw Sharpening Attachment	26151453PA
Multi-Vise (2500)	Multi-Vise	26152500JA
Bar Clamps (505)	Set Of Bar Clamps	26152505JA
Ratchet Clamps (515)	Set Of Ratchet Clamps	26152515JA
Ratchet Clamp (520)	Acc. Ratchet Clamp	26152520JA
Project Table (2600)	Project Table	26152600JA
	Project Table Hobby	26152600KA
Fortiflex Hand Piece (910)	Fortiflex Hand Piece Small	2615910100
	Fortiflex Hand Piece Large	2615910200
Glue Pad (GG40)	Glue Pad 20mm x 20mm	2615GG40JA
Universal Adapter (MM300)	Universal Adapter	2615M300JA
Multi-Flex (MM720)	Multi-Flex	2615M720JA
Cutting Depth Guide (MM810)	Cutting Depth Guide	2615M810JA

Accessories:		
Small Engraving Cutter (105)	Small Engraving Cutter Multi Pack	26150105JA
Small Engraving Cutter (106)	Small Engraving Cutter Multi Pack	26150106JA
Small Engraving Cutter (107)	Small Engraving Cutter Multi Pack	26150107JA
Small Engraving Cutter (108)	Small Engraving Cutter Multi Pack	26150108JA
Small Engraving Cutter (110)	Small Engraving Cutter Multi Pack	26150110JA
Small Engraving Cutter (111)	Small Engraving Cutter Multi Pack	26150111JA
Small Engraving Cutter (113)	Small Engraving Cutter Multi Pack	26150113JA
High Speed Cutter (114)	High Speed Cutter Multi Pack	26150114JA
High Speed Cutter (115)	High Speed Cutter Multi Pack	26150115JA
High Speed Cutter (117)	High Speed Cutter Multi Pack	26150117JA
High Speed Cutter (118)	High Speed Cutter Multi Pack	26150118JA
High Speed Cutter (125)	High Speed Cutter Multi Pack	26150125JA
High Speed Cutter (134)	High Speed Cutter Multi Pack	26150134JA
High Speed Cutter (144)	High Speed Cutter Multi Pack	26150144JA

INDEX BY NUMBERS

Product	Pack	Ordernumber
High Speed Cutter (192)	High Speed Cutter Multi Pack	26150192JA
High Speed Cutter (193)	High Speed Cutter Multi Pack	26150193JA
High Speed Cutter (194)	High Speed Cutter Multi Pack	26150194JA
High Speed Cutter (196)	High Speed Cutter Multi Pack	26150196JA
High Speed Cutter (199)	High Speed Cutter Multi Pack	26150199JA
Versatip Soldering Tips (201)	Versatip Soldering Tips Multi Pack	26150201JA
Versatip Cutting Knife (202)	Versatip Cutting Knife Multi Pack	26150202JA
Versatip Woodburning Knife (203)	Versatip Woodburning Knife Multi Pack	26150203JA
Mandrel (401)	Mandrel Multi Pack	26150401JA
Wheel Shape Bristle Brush (403)	Wheel Shape Bristle Brush Single Pack	2615040332
Cup Shape Bristle Brush (404)	Cup Shape Bristle Brush Single Pack	2615040432
End Shape Bristle Brush (405)	End Shape Bristle Brush Multi Pack	26150405JA
Sanding Band Mandrel 13mm (407)	Sanding Band Mandrel 13mm Single Pack	2615040732
Sanding Band Mandrel 13mm (408)	Sanding Band 13mm Grit 60 Multi Pack	2615040732
H.D. Emery Cut-Off Wheel (409)	H.D. Emery Cut-Off Wheel Multi Pack (36pcs)	2615040932
Felt Wheel (414)	Felt Wheel Multi Pack	2615041432
H.D. Emery Cut-Off Wheel (420)	H.D. Emery Cut-Off Wheel Multi Pack (20pcs)	2615042032
Polishing Compound (421)	Polishing Compound Single Pack	2615042132
Felt Tip (422)	Felt Wheel Multi Pack	26150422JA
Emery Imp Wheel (425)	Emery Imp Wheel Multi Pack	26150425JA
Fiberglass Reinforced Cut-Off Wheel (426)	Reinforced Cut-Off Wheel Multi Pack	2615042632
Wheel Shape Carbon Steel Brush (428)	Carbon Steel Brush Single Pack	2615042832
Felt Wheel (429)	Felt Wheel Multi Pack	26150429JA
Sanding Band Mandrel 6.4mm (430)	Sanding Band Mandrel 6.4mm Multi Pack	26150430JA
Sanding Band Mandrel 6.4mm (432)	Sanding Band 13mm Grit 120 Multi Pack	26150430JA
Sanding Band Mandrel 6.4mm (438)	Sanding Band 6.4mm Grit 120 Multi Pack	26150430JA
Cup Shape Carbon Steel Brush (442)	Cup Shape Carbon Steel Brush Single Pack	2615044232
End Shape Carbon Steel Brush (443)	End Shape Carbon Steel Brush Multi Pack	26150443JA
Chainsaw Sharpening Grinding (453)	Chainsaw Grinding Wheels Multi Pack (3pcs)	26150453JA
Chainsaw Sharpening Grinding (454)	Chainsaw Grinding Wheels Multi Pack (3pcs)	26150454JA
Chainsaw Sharpening Grinding (455)	Chainsaw Grinding Wheels Multi Pack (3pcs)	26150455JA
Chainsaw Sharpening Grinding (457)	Chainsaw Grinding Wheels Multi Pack (3pcs)	26150457JA
Rubber Polishing Point (462)	Rubber Polishing Point Multi Pack	26150462JA
Flap Wheel (502)	Flap Wheel Single Pack	2615050232

Product	Pack	Ordernumber
Flap Wheel (504)	Flap Wheel Single Pack	2615050432
Abrasive Point (516)	Abrasive Point - Bullet Shaped	2615051632
Impregnated Polishing Wheel (520)	Impregnated Polishing Wheel Single Pack	2615052065
Wheel Shape Stainless Steel Brush (530)	Stainless Steel Brush Single Pack	2615053032
Cup Shape Stainless Steel Brush (531)	Cup Shape Stainless Steel Brush Single Pack	2615053132
End Shape Stainless Steel Brush (532)	End Shape Stainless Steel Brush Multi Pack	26150532JA
Wheel Shape Brass Brush (535)	Wheel Shape Brass Brush Single Pack	2615053532
Cup Shape Brass Brush (536)	Cup Shape Brass Brush Single Pack	2615053632
End Shape Brass Brush (537)	End Shape Brash Brush Multi Pack	26150537JA
High Performance Abrasive Brush (538)	Abrasive Brush Single Pack	26150538JA
Cut-Off Wheel (540)	Cut-Off Wheel Multi Pack	2615054032
Cutting / Shaping Wheel (542)	Cutting / Shaping Wheel Single Pack	2615054265
Rip / Cross Cut Blade Minisaw (546)	Rip / Cross Cut Blade Minisaw Multi Pack	26150546JB
Multipurpose Cutting Bit (561)	Multipurpose Cutting Bit Multi Pack	26150561JA
Tile Cutting Bit (562)	Tile Cutting Bit Single Pack	2615056232
Grout Removal Bit (569)	Grout Removal Bit Single Pack	2615056932
Grout Removal Bit (570)	Grout Removal Bit Single Pack	2615057032
Router Bit (612)	Router Bit Single Pack	2615061232
Router Bit (615)	Router Bit Single Pack	2615061532
Drill Bit Set 7pcs HSS (628)	Drill Bit Set 7pcs HSS	2615062832
Drill Bit Set 4pcs Wood (636)	Drill Bit Set 4pcs Wood	26150636JA
Router Bit (640)	Router Bit Single Pack	2615064032
Router Bit (650)	Router Bit Single Pack	2615065032
Router Bit (652)	Router Bit Single Pack	2615065232
Router Bit (654)	Router Bit Single Pack	2615065432
Router Bit (655)	Router Bit Single Pack	2615065532
Glass Drilling Bit (662)	Glass Drilling Bit 3.2mm Single Pack	26150662JA
Glass Drilling Bit (663)	Glass Drilling Bit 6.4mm Single Pack	26150663JA
Cleaning/Polishing Set (684)	Cleaning/Polishing Set	26150684JA
Multipurpose Set (687)	Multipupose Set	26150687JA
Cutting Set (688)	Multipupose Set	26150688JA
100-pcs Multipurpose Accessory Set (720)	100-pcs Multipurpose Accessory Set	26150720JA
135-pcs Multipurpose Accessory Set (721)	130-pcs Multipurpose Accessory Set	26150721JA
165-pcs Multipurpose Accessory Set (722)	165-pcs Multipurpose Accessory Set	26150722JA

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Woodworking Accessory Set 2/80 (730)	Woodworking Accessory Set 2/80	26150730JA
Cutting & Grinding Accessory Set 2/38 (731)	Cutting & Grinding Accessory Set 2/38	26150731JA
Battery 10.8V Li-Ion (855)	Battery 10.8V Li-Ion Single Pack	26150855JD
Aluminum Oxide Grinding Stone (932)	Grinding Stone Multi Pack	26150932JA
Aluminum Oxide Grinding Stone (952)	Grinding Stone Multi Pack	26150952JA
Aluminum Oxide Grinding Stone (953)	Grinding Stone Multi Pack	26150953JA
Aluminum Oxide Grinding Stone (997)	Grinding Stone Multi Pack	26150997JA
Collet Nut Kit (4485)	Collet Nut Kit	2615448532
Multi Chuck (4486)	Multi Chuck Single Pack	2615448632
Diamond Wheel Point (7103)	Diamond Wheel Point Multi Pack	26157103JA
Diamond Wheel Point (7105)	Diamond Wheel Point Multi Pack	26157105JA
Diamond Wheel Point (7122)	Diamond Wheel Point Multi Pack	26157122JA
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Diamond Wheel Point (7144)	Diamond Wheel Point Multi Pack	26157144JA
Aluminum Oxide Grinding Stone (8153)	Grinding Stone Multi Pack	26158153JA
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Tungsten Carbide Cutter (9901)	Tungsten Carbide Cutter Single Pack	2615990132
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Tungsten Carbide Cutter (9905)	Tungsten Carbide Cutter Single Pack	2615990532
Tungsten Carbide Cutter (9910)	Tungsten Carbide Cutter Single Pack	2615991032
Tungsten Carbide Cutter (9911)	Tungsten Carbide Cutter Single Pack	2615991132
Engraving Tips Carbide (9924)	Engraving Tips Carbide Multi Pack	26159924JA
Engraving Tips Diamond (9929)	Engraving Tips Diamond Single Pack	26159929JA
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Silicon Carbide Grinding Stone (85422)	Silicon Carbide Grinding Stone Single Pack	2615542232
Silicon Carbide Grinding Stone (85602)	Silicon Carbide Grinding Stone Multi Pack	26155602JA
Glue Sticks (GG01)	Glue Sticks Hi-Temp Multipurpose 7mm	2615GG01JA
Glue Sticks (GG02)	Glue Sticks Low-Temp Multipurpose 7mm	2615GG02JA
Glue Sticks (GG03)	Glue Sticks Wood Glue 7mm	2615GG03JA
Glue Sticks (GG04)	Glue Sticks Glitter Glue 7mm	2615GG04JA
Glue Sticks (GG05)	Glue Sticks Colour Glue 7mm	2615GG05JA
Glue Sticks (GG11)	Glue Sticks Hi-Temp Multipurpose 11/12mm	2615GG11JA
Glue Sticks (GG13)	Glue Sticks Wood Glue 11/12mm	2615GG13JA
Safety Glasses (SG4)	Safety Glasses Single Pack	2615OSG4JA

Product	Pack	Ordernumber
SC Accessories:		
Polishing Cloth Wheel SC (423S)	Polishing Cloth Wheel Single Pack	2615S423JA
SC Detail Abrasive Brush (471S)	SC Detail Abrasive Brush Single Pack	2615S471JA
SC Detail Abrasive Brush (472S)	SC Detail Abrasive Brush Single Pack	2615S472JA
SC Detail Abrasive Brush (473S)	SC Detail Abrasive Brush Single Pack	2615S473JA
SC Finishing Abrasive Buffs (511S)	SC Finishing Abrasive Brushes Multi Pack	2615S511JA
SC Finishing Abrasive Buffs (512S)	SC Finishing Abrasive Brushes Multi Pack	2615S512JA
SC Starter Set 38mm (SC406)	SC Starter Set 38mm Multi Pack	2615S406JC
SC 38mm Wheels Ultra-Thin (SC409)	SC 38mm Wheels Ultra-Thin Multi Pack	2615S409JB
SC 38mm Wheels (SC456)	SC 38mm Wheels Multi Pack	2615S456JC
SC 38mm Wheels Bulk Pack (SC456B)	SC 38mm Wheels Bulk Pack (12pcs)	2615S456JD
SC Plastic Cutting Wheel (SC476)	SC Plastic Cutting Wheel Multi Pack	2615S476JB
SC Cutting/Shaping Wheel (SC544)	SC Cutting/Shaping Wheel Single Pack	2615S544JB
SC Diamond Wheel (SC545)	SC Diamond Wheel Single Pack	2615S545JB
SC Grinding Wheel (SC541)	SC Grinding Wheel Multi Pack	2615S541JA

Trio Accessories;		
Sanding Mandrel (T407)	Sanding Mandrel Gr.60	2615T407JA
Sanding Band (T408)	Sanding Band Gr.60	2615T408JA
Sanding Band (T432)	Sanding Band Gr.120	2615T432JA
Tracer Bit (T560)	Tracer Bit	2615T560JA
Tile Cutting Bit (T562)	Tile Cutting Bit	2615T562JA
Sheet Metal Bit (T563)	Carbide Sheet Metal Bit	2615T563JA
Corner rounding Bit (T615)	Corner Rounding Bit	2615T615JA
Chamfer Bit (T618)	Chamfer Bit	2615T618JA
Straight Bit (T654)	Straight Bit	2615T654JA

Multi-Max Accessories:		
Hook and Loop Sanding Pad (MM11)	Hook and Loop Sanding Pad	2615M011JA
Sanding Paper for Wood (MM70W)	Sanding Paper for Wood (P60, P120, P240)	2615M70WJA
Sanding Paper for Paint (MM70P)	Sanding Paper for Paint (P80, P120, P240)	2615M70PJA
Wood and Metal Flush Cut Blade (MM422)	Wood and Metal Flush Cut Blade	2615M422JA
Wood Flush Cut Blade (MM470)	Wood Flush Cut Blade	2615M470JA
10mm Cut Blade (MM411)	10mm Flush Cut Blade	2615M411JA
Wood and Drywall Saw Blade (MM450)	Wood and Drywall Saw Blade	2615M450JA
Grout Removal Blade (MM501)	Grout Removal Blade	2615M720JA
Diamond Paper (MM900)	60 Grit Diamond Grinding Paper	2615M900JA
Rigid Scraper Blade (MM600)	Rigid Scraper Blade	2615M600JA
Spiral Cutting Blade Kit (MM721)	Sprial Cutting Blade 3 Pack	2615M721JA
Wood Saw Cutting Blade Kit (MM722)	Wood Saw Cutting Blade 3 Pack	2615M722JA

NOTES

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